

SHAP-110 (Seq Listing)_ST25
SEQUENCE LISTING

<110> Shapiro, Leland

<120> Inhibitors of Serine Protease Activity, Methods and Compositions
for Treatment of Nitric Oxide-Induced Clinical Conditions

<130> SHAP-000110 (Formerly 330310.00101)

<140> 10/669,441

<141> 2003-09-25

<150> 10/427,929

<151> 2003-05-02

<160> 1

<170> PatentIn version 3.4

<210> 1

<211> 417

<212> PRT

<213> Homo sapiens

<300>

<301> Ciliberto, et al.

<303> Cell

<304> 41

<306> 531-540

<307> 1985

<400> 1

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Leu Val Pro Val Ser Leu Ala Glu Asp Pro Gln Gly Asp Ala Ala Gln
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Lys Thr Asp Thr Ser His His Asp Gln Asp His Pro Thr Phe Asn Lys
35 40 45

Ile Thr Pro Asn Leu Ala Glu Phe Ala Phe Ser Leu Tyr Arg Gln Leu
50 55 60

Ala His Gln Ser Asn Ser Thr Asn Ile Phe Phe Ser Pro Val Ser Ile
65 70 75 80

Ala Thr Ala Phe Ala Met Leu Ser Leu Gly Thr Lys Ala Asp Thr His
85 90 95

Asp Glu Ile Leu Glu Gly Leu Asn Phe Asn Leu Thr Glu Ile Pro Glu
100 105 110

Ala Gln Ile His Glu Gly Phe Gln Glu Leu Leu Arg Thr Leu Asn Gln
115 120 125

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Pro Asp Ser Gln Leu Gln Leu Thr Thr Gly Asn Gly Leu Phe Leu Ser
 130 135 140
 Glu Gly Leu Lys Leu Val Asp Lys Phe Leu Glu Asp Val Lys Lys Leu
 145 150 155 160
 Tyr His Ser Glu Ala Phe Thr Val Asn Phe Gly Asp His Glu Glu Ala
 165 170 175
 Lys Lys Gln Ile Asn Asp Tyr Val Glu Lys Gly Thr Gln Gly Lys Ile
 180 185 190
 Val Asp Leu Val Lys Glu Leu Asp Arg Asp Thr Val Phe Ala Leu Val
 195 200 205
 Asn Tyr Ile Phe Phe Lys Gly Lys Trp Glu Arg Pro Phe Glu Val Lys
 210 215 220
 Asp Thr Glu Asp Glu Asp Phe His Val Asp Gln Val Thr Thr Val Lys
 225 230 235 240
 Val Pro Met Met Lys Arg Leu Gly Met Phe Asn Ile Gln His Cys Lys
 245 250 255
 Lys Leu Ser Ser Trp Val Leu Leu Met Lys Tyr Leu Gly Asn Ala Thr
 260 265 270
 Ala Ile Phe Phe Leu Pro Asp Glu Gly Lys Leu Gln His Leu Glu Asn
 275 280 285
 Glu Leu Thr His Asp Ile Ile Thr Lys Phe Leu Glu Asn Glu Asp Arg
 290 295 300
 Arg Ser Ala Ser Leu His Leu Pro Lys Leu Ser Ile Thr Gly Thr Tyr
 305 310 315 320
 Asp Leu Lys Ser Val Leu Gly Gln Leu Gly Ile Thr Lys Val Phe Ser
 325 330 335
 Asn Gly Ala Asp Leu Ser Gly Val Thr Glu Glu Ala Pro Leu Lys Leu
 340 345 350
 Ser Lys Ala Val His Lys Ala Val Leu Thr Ile Asp Glu Lys Gly Thr
 355 360 365
 Glu Ala Ala Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro

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375 380

Pro Glu Val Lys Phe Asn Lys Pro Phe Val Phe Leu Met Ile Glu Gln
385 390 395 400

Asn Thr Lys Ser Pro Leu Phe Met Gly Lys Val Val Asn Pro Thr Gln
405 410 415

Lys